

**WHAT IS CLAIMED IS:**

1. A method for treating an affective disorder in a patient, the method comprising administering to the patient an effective dosage of secretin or a secretin analog.

2. The method of claim 1, wherein the dosage of secretin or a secretin analog is effective to reduce one or more symptoms of anxiety, fear, impaired learning, impaired memory, apathy, delusions, anxiety, and autonomic changes, avoidance, increased arousal, depression, elevated mood, irritable mood, hallucinations, disorganized speech, and grossly disorganized behavior.

3. The method of claim 1, wherein the affective disorder is generalized anxiety disorder (GAD), social anxiety disorder (SAD; alternatively known as social phobia), panic disorder (with or without agoraphobia), posttraumatic stress disorder (PTSD), obsessive-compulsive disorder (OCD), separation anxiety disorder, a mood disorder, a psychotic disorder, a substance-related disorder, a cognitive disorder, an affective disorder associated with neurological medical disorders, or an affective disorder of childhood.

4. The method of claim 3, wherein the mood disorder is depressive disorder or bipolar disorder.

5. The method of claim 3, wherein the psychotic disorder is schizophrenia, schizoaffective disorder, or delusional disorder.

6. The method of claim 3, wherein the substance-related disorder is substance abuse, substance-induced disorder, or substance withdrawal.

7. The method of claim 3, wherein the cognitive disorder is dementia, delirium, or Alzheimer's type dementia.

8. The method of claim 3, wherein the affective disorder associated with neurological medical disorders is a seizure disorder or epilepsy.

9. The method of claim 3, wherein the affective disorder of childhood is attention disorder, attention deficit hyperactivity disorder, learning disorder, or separation anxiety.

5           10. The method of claim 3, wherein the substance is alcohol, an amphetamine, cocaine, nicotine, or an opioid.

11. The method of claim 1, wherein the secretin or secretin analog is administered subcutaneously, orally, nasally, parenterally, or intravenously.

10           12. The method of claim 1, wherein the secretin or secretin analog is administered multiple times.

13. The method of claim 12, wherein the times occur at regular intervals.

15           14. The method of claim 12, wherein the times occur intermittently.

15. The method of claim 1, wherein the patient suffers no adverse side-effects.

20           16. The method of claim 1, wherein the patient is a human, dog, cat, horse, donkey, cow, sheep, goat, pig, rat, or mouse.

17. The method of claim 1, wherein the effective dosage is 0.04 µg/kg, 0.5 µg/kg, 1 µg/kg, 3 µg/kg, 10 µg/kg, 30 µg/kg, 100 µg/kg, or 400 µg/kg.

25           18. The method of claim 1, wherein the secretin is human, bovine, equine, porcine, or canine secretin.

19. A method for reducing anxiety in a patient, the method comprising administering  
30 to the patient a dosage of secretin or a secretin analog effective to reduce anxiety in the patient.

20. The method of claim 19, wherein the patient has generalized anxiety disorder (GAD), social anxiety disorder (SAD; alternatively known as social phobia), panic disorder (with or without agoraphobia), posttraumatic stress disorder (PTSD), obsessive-compulsive disorder (OCD), separation anxiety disorder, a mood disorder, a psychotic disorder, a substance-related disorder, a cognitive disorder, an affective disorder associated with neurological medical disorders, or an affective disorder of childhood.

21. The method of claim 19, wherein the secretin or secretin analog is administered subcutaneously, orally, nasally, parenterally, or intravenously.

22. The method of claim 19, wherein the effective dosage is 0.04  $\mu\text{g/kg}$ , 0.5  $\mu\text{g/kg}$ , 1  $\mu\text{g/kg}$ , 3  $\mu\text{g/kg}$ , 10  $\mu\text{g/kg}$ , 30  $\mu\text{g/kg}$ , 100  $\mu\text{g/kg}$ , or 400  $\mu\text{g/kg}$ .

23. The method of claim 19, wherein the secretin is human, bovine, equine, porcine, or canine secretin.

24. A method for treating a patient having a disorder with an attendant symptom of anxiety, impaired learning, or impaired memory, the method comprising administering to the patient a dosage of secretin or a secretin analog effective to reduce an attendant symptom of anxiety, impaired learning, or impaired memory in the patient.

25. The method of claim 24, wherein the patient has generalized anxiety disorder (GAD), social anxiety disorder (SAD; alternatively known as social phobia), panic disorder (with or without agoraphobia), posttraumatic stress disorder (PTSD), obsessive-compulsive disorder (OCD), separation anxiety disorder, a mood disorder, a psychotic disorder, a substance-related disorder, a cognitive disorder, an affective disorder associated with neurological medical disorders, or an affective disorder of childhood.

26. The method of claim 24, wherein the secretin or secretin analog is administered subcutaneously, orally, nasally, parenterally, or intravenously.

27. The method of claim 24, wherein the effective dosage is 0.04 µg/kg, 0.5 µg/kg, 1 µg/kg, 3 µg/kg, 10 µg/kg, 30 µg/kg, 100 µg/kg, or 400 µg/kg.

5           28. The method of claim 24, wherein the secretin is human, bovine, equine, porcine, or canine secretin.

29. A method for enhancing cognition in a patient, the method comprising administering to the patient a dosage of secretin or a secretin analog effective to enhance  
10 learning or memory or both in the patient.

30. The method of claim 29, wherein the patient suffers from impaired learning or memory.

15           31. The method of claim 29, wherein enhancement of learning is measured by improvement on a Wisconsin Card Sort Test.

32. The method of claim 29, wherein the secretin or secretin analog is administered subcutaneously, orally, nasally, parenterally, or intravenously.

20           33. The method of claim 29, wherein the effective dosage is 0.04 µg/kg, 0.5 µg/kg, 1 µg/kg, 3 µg/kg, 10 µg/kg, 30 µg/kg, 100 µg/kg, or 400 µg/kg.

25           34. The method of claim 29, wherein the secretin is human, bovine, equine, porcine, or canine secretin.

35. A kit comprising a composition comprising secretin or a secretin analog and instructions for use according to the method of claim 1.

30           36. A kit comprising a composition comprising secretin or a secretin analog and instructions for use according to the method of claim 19.

37. A kit comprising a composition comprising secretin or a secretin analog and instructions for use according to the method of claim 24.

5           38. A kit comprising a composition comprising secretin or a secretin analog and instructions for use according to the method of claim 29.